

**AN IMPROVED CATALYST DELIVERY METHOD, A CATALYST
FEEDER AND THEIR USE IN A POLYMERIZATION PROCESS**

ABSTRACT

The present invention relates to an improved catalyst delivery method for introducing a supported bulky ligand metallocene-type catalyst system to a reactor for polymerizing one or more olefin(s). In particular, the invention provides for a method of introducing a supported metallocene-type catalyst system into a polymerization reactor by and in the presence of a carrier solution of an antistatic agent and a liquid diluent. Also, the invention is directed toward a catalyst feeder for use in a polymerization process.

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